

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	235	((optimiz\$5 or enhanc\$5 or improv\$4) near2 (loop\$3 or iterat\$3)).clm.	US-PGPUB	OR	ON	2006/07/18 14:56
L2	3	((part\$3 or incomplete or "not complete" or "not total") near2 trac\$3 near3 profil\$3).clm.	US-PGPUB	OR	ON	2006/07/18 14:56
L3	0	(((augment\$5 or increas\$2 or greater) near2 trac\$3) with superset with ((part\$3 or incomplete or "not complete" or "not total") near trac\$3) with subset with (loop\$3 or iterat\$3)).clm.	US-PGPUB	OR	ON	2006/07/18 14:58
L4	3	(((unroll\$3 or unwind\$3 or unfold\$3) near2 (augment\$5 or increas\$2 or greater)) with (loop\$3 or iterat\$3)).clm.	US-PGPUB	OR	ON	2006/07/18 14:59
L5	321	(augment\$5 or increas\$2 or greater) near path.clm.	US-PGPUB	OR	ON	2006/07/18 14:59
L6	529	((combin\$5 or merg\$3 or add\$5) with (augment\$5 or increas\$3 or greater) with (part\$3 or incomplete or "not complete" or "not total")).clm.	US-PGPUB	OR	ON	2006/07/18 15:00
L7	1	((candidate near augment\$5 near path) with trac\$3 with probabilit\$3 with (loop\$3 or iterat\$3) with (sum or add5) with (similar or alike or equivalent) with (part\$3 or incomplete or "not complete" or "not total")).clm.	US-PGPUB	OR	ON	2006/07/18 15:00
L8	0	1 and 2 and 3 and 4 and 5 and 6 and 7	US-PGPUB	OR	ON	2006/07/18 14:51
L9	1	1 and 2 and 4 and 5 and 6 and 7	US-PGPUB	OR	ON	2006/07/18 14:51
L10	11732	((optimiz\$5 or enhanc\$5 or improv\$4) near2 (loop\$3 or iterat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 14:56
L11	74	((part\$3 or incomplete or "not complete" or "not total") near2 trac\$3 near3 profil\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 14:57

EAST Search History

L12	0	((augment\$5 or increas\$2 or greater) near2 trac\$3) with superset with ((part\$3 or incomplete or "not complete" or "not total") near trac\$3) with subset with (loop\$3 or iterat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 14:58
L13	17	((unroll\$3 or unwind\$3 or unfold\$3) near2 (augment\$5 or increas\$2 or greater)) with (loop\$3 or iterat\$3))	US-PGPUB	OR	ON	2006/07/18 14:59
L14	46	((unroll\$3 or unwind\$3 or unfold\$3) near2 (augment\$5 or increas\$2 or greater)) with (loop\$3 or iterat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 14:59
L15	13627	(augment\$5 or increas\$2 or greater) near path	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 14:59
L16	34845	((combin\$5 or merg\$3 or add\$5) with (augment\$5 or increas\$3 or greater) with (part\$3 or incomplete or "not complete" or "not total"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 15:00
L17	1	((candidate near augment\$5 near path) with trac\$3 with probabilit\$3 with (loop\$3 or iterat\$3) with (sum or add5) with (similar or alike or equivalent) with (part\$3 or incomplete or "not complete" or "not total"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 15:01
L18	1	10 and 11 and 14 and 15 and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 15:05
L19	2062	((717/150-151,158,160,130-131) or (712/233,241)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/07/18 15:06
L20	1843	19 and (@ad<"20030828" or @rlad<"20030828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 15:07
L21	0	20 and 18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 15:07

Interference Search

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	235	((optimiz\$5 or enhanc\$5 or improv\$4) near2 (loop\$3 or iterat\$3)).clm.	US-PGPUB	OR	ON	2006/07/18 14:28
L2	3	((part\$3 or incomplete or "not complete" or "not total") near2 trac\$3 near3 profil\$3).clm.	US-PGPUB	OR	ON	2006/07/18 14:30
L3	0	(((augment\$5 or increas\$2 or greater) near2 trac\$3) with superset with ((part\$3 or incomplete or "not complete" or "not total") near trac\$3) with subset with (loop\$3 or iterat\$3)).clm.	US-PGPUB	OR	ON	2006/07/18 14:32
L4	3	(((unroll\$3 or unwind\$3 or unfold\$3) near2 (augment\$5 or increas\$2 or greater)) with (loop\$3 or iterat\$3)).clm.	US-PGPUB	OR	ON	2006/07/18 14:34
L5	321	(augment\$5 or increas\$2 or greater) near path.clm.	US-PGPUB	OR	ON	2006/07/18 14:35
L6	529	((combin\$5 or merg\$3 or add\$5) with (augment\$5 or increas\$3 or greater) with (part\$3 or incomplete or "not complete" or "not total")).clm.	US-PGPUB	OR	ON	2006/07/18 14:48
L7	1	((candidate near augment\$5 near path) with trac\$3 with probabilit\$3 with (loop\$3 or iterat\$3) with (sum or add5) with (similar or alike or equivalent) with (part\$3 or incomplete or "not complete" or "not total")).clm.	US-PGPUB	OR	ON	2006/07/18 14:50
L8	0	1 and 2 and 3 and 4 and 5 and 6 and 7	US-PGPUB	OR	ON	2006/07/18 14:51
L9	1	1 and 2 and 4 and 5 and 6 and 7	US-PGPUB	OR	ON	2006/07/18 14:51



unrolling loop with partial hot trace

1990

- 2003

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Adv
Sct
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- Search only in Engineering, Computer Science, and Mathematics.
- Search in all subject areas.

"with" is a very common word and was not included in your search. [\[details\]](#)

Scholar

Results 1 - 50 of about 82 for unrolling loop with partial hot trace. (0.17 seconds)

Dynamo: a transparent dynamic optimization system - group of 31 » [All articles](#) [Recent articles](#)

V Bala, E Duesterwald, S Banerjia - Proceedings of the ACM SIGPLAN 2000 conference on ..., 2000 - portal.acm.org

... execution follows the selected **hot trace** most of the ... opportunities typically result from **partial redundancies** in ... **loop invariant code motion** and **loop unrolling**. ...

Cited by 315 - [Web Search](#)

Selecting long atomic traces for high coverage - group of 5 »

R Rosner, M Moffie, Y Sazeides, R Ronen - Proceedings of the 17th annual international conference on ..., 2003 - portal.acm.org

... **Loop unrolling** needs to be considered in combination with a ... The amount of **unrolling** is another important design ... Figure 4-1 **Partial Ordering of Local and Global ...**

Cited by 9 - [Web Search](#)

An architectural framework for runtime optimization - group of 6 »

MC Merten, AR Trick, RD Barnes, EM Nystrom, CN ... - Computers, IEEE Transactions on, 2001 - ieeexplore.ieee.org

... fetch performance such as **loop unrolling**, **partial function inlining** ... per cycle and preserving optimized **hot spots** for ... The **Trace Generation Unit** is discussed more ...

Cited by 36 - [Web Search](#) - [BL Direct](#)

Dynamic hot data stream prefetching for general-purpose programs - group of 12 »

TM Chilimbi, M Hirzel - Proceedings of the ACM SIGPLAN 2002 Conference on ..., 2002 - portal.acm.org

... transfer control to checks at procedure entries or **loop back-edges**, ... **headLen** = 3 and there is only one **hot data stream** ... when **v.seen** = 1, we have a **partial** match a ...

Cited by 59 - [Web Search](#) - [BL Direct](#)

Memory bank disambiguation using modulo unrolling for Raw machines - group of 7 »

R Barua, W Lee, S Amarasinghe, A Agarwal - High Performance Computing, 1998. HIPC'98. 5th International ..., 1998 - ieeexplore.ieee.org

... that processor, creates a network **hot-spot**, and ... possible for **loops** with unknown **loop bounds**. ... is to devise a method using **partial unrolling**, whose resulting ...

Cited by 19 - [Web Search](#)

PARROT: Power Awareness through Selective Dynamically Optimized Traces - group of 2 »

R Rosner, Y Almog, M Moffie, N Schwartz, A ... - PACS'03, 2003 - Springer

... achieves the effects of explicit **loop unrolling**, an enabler ... and **global trace** transformations such as **partial renaming** and ... **trace-cache based optimized hot traces** ...

Cited by 3 - [Web Search](#)

Dynamic native optimization of interpreters - group of 18 »

GT Sullivan, DL Bruening, I Baron, T Garnett, S ... - Proceedings of the 2003 workshop on Interpreters, Virtual ..., 2003 - portal.acm.org

... and tracked, thus enabling continued **partial** evaluation ... branch */ dynamorio logical direct jump (pc); } goto loop ; ... if (lbb->count > **hot threshold**) { set ...
 Cited by 14 - Web Search

Instruction scheduling for instruction level parallel processors - group of 3 »
 P Faraboschi, JA Fisher, C Young - Proceedings of the IEEE, 2001 - ieeexplore.ieee.org
 ... this a problem, as the **hot trace** through the ... compiler chose to place enlargement (**loop unrolling**) before trace ... These constraints induce a **partial** ordering on ...
 Cited by 11 - Web Search - BL Direct

Overview of the IBM Java Just-in-Time Compiler - group of 8 »
 T Suganuma, T Ogasawara, M Takeuchi, T Yasue, M ... - IBM Systems Journal, 2000 - research.ibm.com
 ... always inlined regardless of the **hot spot**. ... **Partial** redundancy elimination 14 is also used to ... **loop** optimizations, such as **loop unrolling**, **loop interchange**, and ...
 Cited by 122 - Cached - Web Search - BL Direct

[BOOK] Instruction Assignment for Clustered VLIW DSP Compilers: A New Approach. - group of 5 »
 G Desoli - 1998 - hswwworld.com
 ... a global scheduling technique known as **trace** scheduling [5 ... DAG (like those generated by **loop unrolling**) to be ... found that allocating each **partial** component to a ...
 Cited by 44 - View as HTML - Web Search - Library Search - BL Direct

Aggressive compiler optimization and parallelization with thread-level speculation - group of 2 »
 LL Chen, Y Wu - Parallel Processing, 2003. Proceedings. 2003 International ..., 2003 - ieeexplore.ieee.org
 ... This example forms a simple **trace** region to demonstrate the ... can be completely unrolled along the **hot** path. **Loop unrolling** can be applied when a **loop** entry is ...
 Web Search - BL Direct

Transparent dynamic optimization: The design and implementation of Dynamo - group of 5 »
 V Bala, E Duesterwald, S Banerjia - Hewlett Packard Laboratories Technical Report HPL-1999-78. ..., 1999 - hswwworld.com
 ... 41 8.1.1 Exposed **partial** redundancies ... in its normal mode of operation, completing the **Dynamo** execution **loop**. ... is that if an exit from a **hot trace** itself gets **hot** ...
 Cited by 61 - View as HTML - Web Search

Run-time code generation in C++ as a foundation for domain-specific optimisation - group of 5 »
 O Beckmann, A Houghton, PHJ Kelly, M Mellor - Proceedings of the 2003 Dagstuhl Workshop on Domain-Specific ..., 2003 - Springer
 ... Offline **partial** evaluation systems like these rely on binding ... This facilitates complete **unrolling** of the inner two ... and the then-remaining innermost **loop** (the for ...
 Cited by 6 - Web Search - BL Direct

[PS] Trace caches in the context of other cache enhancements
 Z Patel - University of Witwatersrand, Tech. Rep, 2000 - cs.wits.ac.za
 ... These **hot** spots are detected by using the history ... Both **partial** matching and inactive issue were found ... unless compiler optimisations like **loop unrolling** are done ...
 Cited by 2 - View as HTML - Web Search

Energy-monitoring tool for low-power embedded programs - group of 8 »
 D Shin, H Shim, Y Joo, HS Yun, J Kim, N Chang - Design & Test of Computers, IEEE, 2002 - ieeexplore.ieee.org
 ... however, the programmer moves energy **hot** spots to ... Reducing **loop** overhead further improved the energy ... Figure 7 shows **partial** energy-monitoring results of the ...
 Cited by 6 - Web Search - BL Direct

Space-time scheduling of instruction-level parallelism on a raw machine - group of 14 »

W Lee, R Barua, M Frank, D Srikrishna, J Babb, V ... - ACM SIGOPS Operating Systems Review, 1998 - portal.acm.org

... The VLIW Multiflow TRACE machine is a machine which adopts such a solution [19].

On ... tions to minimize congestion and route data around hot spots. ...

Cited by 102 - Web Search - BL Direct

[PS] Trace Cache Design for Wide-Issue Superscalar Processors - group of 2 »

SJ Patel - 1999 - crhc.uiuc.edu

... 106 8.4 A loop composed of 3 fetch blocks. dealing with the **partial** fetch problem is the trace cache and it is described in Chapter 2. ...

Cited by 8 - View as HTML - Web Search - Library Search

A framework for reducing the cost of instrumented code - group of 12 »

M Arnold, BG Ryder - ACM SIGPLAN Notices, 2001 - portal.acm.org

... of instrumentation operations per **loop** iteration ... Combining both variations

(**Partial**-Duplication and No-Duplication ... selectively instrument only the **hot** meth- ...

Cited by 100 - Web Search - BL Direct

A Case for Automatic Run-Time Code Optimization - group of 2 »

E Feigin - Undergraduate thesis, Harvard University, April, 1999 - eecs.harvard.edu

... Some, such as **loop unrolling**, increase code size. ... driven compilation has been used as a **partial** solution to ... the **hot** code in units conducive to optimization. ...

Cited by 11 - View as HTML - Web Search

Automating Selective Dynamic Compilation - group of 4 »

MU Mock - 2002 - cs.pitt.edu

... executes, they try to identify **hot** spots, ie, regions of ... 1) a sophisticated form of **partial**-evaluation-style ... can result in complete **loop unrolling** by creating ...

Cited by 5 - View as HTML - Web Search - Library Search

C-based SoC design flow and EDA tools: an ASIC and system vendor perspective - group of 2

»

K Wakabayashi, T Okamoto - Computer-Aided Design of Integrated Circuits and Systems, ..., 2000 - ieeexplore.ieee.org

... when all array indexes in the **loop** become constants after complete **unrolling**. ... a register file with an address generator for a **partial** unrolled **loop**. ...

Cited by 36 - Web Search - BL Direct

The POWER4 Processor Introduction and Tuning Guide - group of 46 »

S Behling, R Bell, P Farrell, H Holthoff, FO' ... - IBM Redbooks, November, 2001 - jumpdoc.fz-juelich.de

... These include **trace** and debug facilities used for First Failure Data Capture, built-in self-test (BIST) facilities, performance monitoring unit (PMU), an ...

Cited by 21 - View as HTML - Web Search

Dynamic Optimization Infrastructure and Algorithms for IA-64

KM Hazelwood - 2000 - lib.ncsu.edu

... A thesis submitted to the Graduate Faculty of North Carolina State University in **partial** fulfillment of the requirements for the Degree of Master of ... **hot trace**. ...

Cited by 1 - View as HTML - Web Search

METRIC: tracking down inefficiencies in the memory hierarchy via binary rewriting - group of 8

»

J Marathe, F Mueller, T Mohan, BR de Supinski, SA ... - Code Generation and Optimization, 2003. CGO 2003. ..., 2003 - ieeexplore.ieee.org

... In the following, the soft- ware infrastructure for **partial** **trace** generation is

detailed. ... the scope structure of the target, ie, the function/loop entry and ...

[Cited by 10](#) - [Web Search](#)

Time Optimal Software Pipelining of Loops with Control Flows - group of 6 »

HS Yun, J Kim, SM Moon - International Journal of Parallel Programming, 2003 - Springer

... effect of fine-grain parallelization with full loop unrolling. ... unless iterations of the hot paths stay ... Time Optimal Software Pipelining of Loops with Control ...

[Cited by 1](#) - [Web Search](#) - [BL Direct](#)

Path-Sensitive, Value-Flow Optimizations of Programs - group of 4 »

R Bodík - 1999 - cs.pitt.edu

... Submitted to the Graduate Faculty of Arts and Sciences in partial fulfillment of the ... The instruction schedule of the loop, before and after the removal of load ...

[Cited by 2](#) - [View as HTML](#) - [Web Search](#)

PC software performance tuning - group of 3 »

M Atkins, R Subramaniam - Computer, 1996 - ieeexplore.ieee.org

... They execute fastest if backward branches are taken, as in a loop, and forward ... Partial stalls occur when code reads a 32-bit register (EAX, EBX, ECX, or EDX ...

[Cited by 18](#) - [Web Search](#) - [BL Direct](#)

Stride prefetching by dynamically inspecting objects - group of 4 »

T Inagaki, T Onodera, H Komatsu, T Nakatani - ACM SIGPLAN Notices, 2003 - portal.acm.org

... After this partial interpretation, we analyze the trace of the memory addresses. ... we can increase the amount of computation by unrolling the loop. ...

[Cited by 7](#) - [Web Search](#) - [BL Direct](#)

Specialization Tools and Techniques for Systematic Optimization of System Software - group of 27 »

D Mc NAMEE, J WALPOLE, C PU, C COWAN, C KRASIC, A ... - ACM Transactions on Computer Systems, 2001 - portal.acm.org

... Page 3. This paper is organized as follows. Section 2 describes the fundamentals of specialization: specialization predicates, partial evaluation, and guards. ...

[Cited by 36](#) - [Web Search](#) - [BL Direct](#)

ONLINE PROFILING AND FEEDBACK-DIRECTED OPTIMIZATION OF JAVA - group of 7 »

M ARNOLD - 2002 - cs.rutgers.edu

... Loop Unrolling . . . 3.7. Example of Partial-Duplication . . . The guarantee is currently met by simply placing yieldpoints on all method entries and loop backedges. ...

[Cited by 7](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

A dynamic optimization framework for a Java just-in-time compiler - group of 2 »

T Suganuma, T Yasue, M Kawahito, H Komatsu, T ... - Proceedings of the 16th ACM SIGPLAN conference on Object ..., 2001 - portal.acm.org

... here is to identify the hot paths for ... is decremented depending on the loop iteration count. ... for guiding branch directions in partial redundancy optimizations ...

[Cited by 58](#) - [Web Search](#) - [BL Direct](#)

Modulo scheduling with isomorphic control transformations - group of 2 »

NJ Warter - 1993 - crhc.uiuc.edu

... 111 5.5.5 II versus unrolling ::::: 114 ... b Loop

data dependence graph. ... a Partial CFG. ...

[Cited by 25](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[book] Optimization and Parallelization of a Commodity Trade Model for the SP1, Using Parallel Programming ... - group of 2 »

D Bergmark, M Pottle - 1994 - historical.ncstrl.org
... data parallel, **loop** distribution, **loop** fusion, **trace** analyzers ... A **loop** analysis and
a **hot** spot analysis ... Scalar optimizations include **loop** unrolling, dead code ...
[View as HTML](#) - [Web Search](#) - [Library Search](#)

[Porting GCC to the AMD64 architecture](#) - group of 17 »
J Hubicka - Proceedings of the GCC Developers Summit, 2003 - gd4.tuwien.ac.at
... GCC has been ported to, some AMD64 features are unique, such as CISC instruction
set, gener- ally usable IP relative addressing, partial sup- port for 64-bit ...
Cited by 3 - [View as HTML](#) - [Web Search](#)

[Interprocedural Path Profiling and the Interprocedural Express-Lane Transformation](#) - group of 3 »
DG Melski - 2002 - cs.wisc.edu
... A DISSERTATION SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE
OF ... The express-lane transformation isolates and duplicates hot paths in a ...
Cited by 6 - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[Using Performance Bounds to Guide Code Compilation and Processor Design](#)
H Zhou - 2003 - lib.ncsu.edu
... duplication, **loop** unrolling, and if-conversion ... A dissertation submitted to the Graduate
Faculty of North Carolina State University in partial fulfillment of the ...
Cited by 1 - [View as HTML](#) - [Web Search](#)

[Dynamic Optimization through the use of Automatic Runtime Specialization](#) - group of 2 »
J Whaley - 1999 - stanford.edu
... **Loop** unrolling and some register allocation algorithms make a simplifying assumption
that a **loop** will execute a ... For example, using partial evaluation or other ...
Cited by 18 - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[PS] [Path-based compilation](#) - group of 5 »
RC Young - 1998 - eecs.harvard.edu
... in partial fulfillment of the requirements ... but one cannot tell anything about the
order in which the hot spots ... For example, **loop** unrolling makes extra cop- ...
Cited by 23 - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[BOOK] [Compiler Support for Machine Independent Parallelization of Irregular Problems](#) - group
of 4 »
R von Hanxleden - 1992 - historical.ncstrl.org
... Steph and Jerry, happy hot-tub hosts ... 3.1 Partial Redundancy Elimination ::
::: 24 ... 4.4 Loop Flattening from the Compiler's ...
Cited by 8 - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[PS] [Compile-time performance prediction of scientific programs](#) - group of 4 »
GCI Casl caval - 2000 - cs.uiuc.edu
... low-level drivers for DOS, to the database gateways, hot-cup models ... 67 4.5 A partial
sum hierarchy to either a **loop** nest, a subroutine, or an entire program. ...
Cited by 12 - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[Dynamic Optimization of Interpreters using DynamoRIO](#) - group of 4 »
I Baron - 2003 - cag.csail.mit.edu
... such as constant propagation, dead code elimination, and partial evaluation to further ...
We also present two techniques to avoid unrolling native loops. ...
Cited by 2 - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[PS] [Latency-directed Multithreaded Computation and Its Architectural Support](#) - group of 2 »

X Fan - 1994 - tams-www.informatik.uni-hamburg.de
 ... Figure 6.10. Pipeline stage 2 - Instruction fetch and **partial** decode ... single-chip
 processors including high-speed floating-point arithmetic. Some **hot** chips have ...
[View as HTML](#) - [Web Search](#) - [Library Search](#)

[Identifying and Exploiting Spatial Regularity in Data Memory References](#) - group of 16 »
 T Mohan, BR de Supinski, SA McKee, F Mueller, A ... - Proceedings of the Proceedings of the ACM/IEEE
 SC2003 ..., 2003 - portal.acm.org
 ... Such temporal information can be used for **partial** regeneration of ... accepts directives
 for aggressive prefetching, inner **loop** fission, and **unrolling** [21 ...
[Cited by 6](#) - [Web Search](#)

[Tolerating latency in multiprocessors through compiler-inserted prefetching](#) - group of 3 »
 TC Mowry - ACM Transactions on Computer Systems (TOCS), 1998 - portal.acm.org
 ... (2) Isolate the predicted dynamic miss instances using **loop**-splitting techniques such as peeling, **unrolling**, and strip-mining. ...
[Cited by 53](#) - [Web Search](#) - [BL Direct](#)

[The role of APL and J in high-performance computation](#) - group of 4 »
 R Bernecky - ACM SIGAPL APL Quote Quad, 1993 - portal.acm.org
 ... Today's **hot** code may be tomorrow's dog – unrolled **loops**, which ... the details of cache
 management, data distribution, code scheduling, or **loop unrolling** ...
[Cited by 7](#) - [Web Search](#) - [BL Direct](#)

[Region-based Register Allocation for EPIC Architectures](#) - group of 4 »
 H Kim - 2001 - crest.gatech.edu
 ... A dissertation submitted in **partial** fulfillment ... 15 2.2 Code Shuffle for Trace Schedule ...
 mations like function inlining and **loop unrolling** to exploit ILP well ...
[Cited by 5](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[AN ANALYSIS OF A NOVEL APPROACH TO DYNAMIC OPTIMIZATION](#) - group of 2 »
 BM Fahs - 2003 - crhc.uiuc.edu
 ... Submitted in **partial** fulfillment of the requirements for the degree ... limited scope of a **trace**. ... For example, memory addresses or **loop** indices are generated this ...
[View as HTML](#) - [Web Search](#) - [Library Search](#)

[Static correlated branch prediction](#) - group of 5 »
 C Young, MD Smith - ACM Transactions on Programming Languages and Systems (..., 1999 - portal.acm.org
 ... 1997}, and **partial** redundancy elimination [Gupta et al ... branch pattern may not identify a unique **trace**, since two ... where H dominates L is called a **loop** or back ...
[Cited by 19](#) - [Web Search](#) - [BL Direct](#)

[System-level power optimization: techniques and tools](#) - group of 17 »
 L Benini, G de Micheli - ACM Transactions on Design Automation of Electronic Systems ..., 2000 - portal.acm.org
 ... Hence, most algorithms have **loops**, branches, and procedure calls that create a nonuniform distribution for the number of times each operation is executed. ...
[Cited by 208](#) - [Web Search](#) - [BL Direct](#)

[Design space optimization of embedded memory systems via data remapping](#) - group of 6 »
 KV Palem, RM Rabbah, VJ Mooney III, P Korkmaz, K ... - Proceedings of the joint conference on Languages, compilers ..., 2002 - portal.acm.org
 ... Locality Enhancing Algorithm • Loop transformations • Data reorganization Software ...
 access patterns along program **hot-spots** [1 ... Block Size B and **Trace** T R = (k ...
[Cited by 16](#) - [Web Search](#) - [BL Direct](#)

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"with" is a very common word and was not included in your search. [\[details\]](#)

Scholar

Results 51 - 82 of 82 for **unrolling loop with partial hot trace**. (0.13 seconds)

[\[PS\]](#) [An Expert Advisor for Parallel Programming Environments and Its Realization within the Framework of ...](#) [All articles](#) [Recent articles](#)

S Andel, BM Chapman, J Hulman, HP Zima - 4 thWorkshop on Compilers for Parallel Computers, Delft, 1993 - par.univie.ac.at

... such as: **loop distribution**, **loop interchange**, **loop unrolling**, strip mining, vector code ... that require the sequential or parallel program run, **trace** the program ...

Cited by 5 - [View as HTML](#) - [Web Search](#)

[TECHNIQUES FOR TRANSPARENT PROGRAM SPECIALIZATION IN DYNAMIC OPTIMIZERS](#) - [group of 4](#) »

SS Sastry - 2003 - [ece.wisc.edu](#)

... **Partial** evaluation [56] has been proposed to address ... Secondly, the **loop** is unrolled and all virtual calls to ... potentially be specialized for each **hot** value of ...

Cited by 1 - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[Optimizations in Distributed Run-time Compilation](#) - [group of 3](#) »

L Clausen - Univ. of Illinois PhD thesis, 2003 - [loome.cs.uiuc.edu](#)

... 66 5.2.2 **Partial** Evaluation by Rewriting 107

6.6 **Unrolling** one iteration of a **while loop**. . .

Cited by 8 - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[MASTER/SLAVE SPECULATIVE PARALLELIZATION AND APPROXIMATE CODE](#) - [group of 4](#) »

CB Zilles - 2002 - [www-faculty.cs.uiuc.edu](#)

... A dissertation submitted in **partial** fulfillment of ... This Execution Dependence Graph (EDG) is an execution **trace** augmented with arcs indicating the inter ...

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